

3M Constant Force Springs

3M Constant Force Springs are a range of solderless connections, for use on lead or aluminium sheaths and copper screened cables. The 3M springs are easily applied by rolling onto the sheath connection and when applied they continue to exert a constant pressure. Self amalgamating tape is often used to over tape the springs once installed.



Part Number	Minimum Diameter	Maximum Diameter	Internal Diameter (ID)	Spring Width (W)	Spring Length	Pack Size (pcs)
P59	4	10	3.5	9	80	1
P60	9	15	7.5	10.0	175	1
P61	14	22	11	16	225	1
P62	18.5	29	14.5	16	295	1
P63	23.5	37	18.5	16	375	1
P64	31	50	25	16	505	1
P62	44	70	32	20	710	1
P63	58	94	44	20	935	1
P64	70	110	57	20	1250	1

All dimensions are in mm

expressTERM Constant Force Springs

Constant Force Springs are used to form a secure, solderless connection of an earth strap to either the cables, copper tape screen or lead sheath. These springs are manufactured in the UK from high tensile stainless steel in order to provide the necessary constant tension. The ends of the springs are rounded to ease application and ensure safe handling. These products are used extensively worldwide.



Part Number	Minimum Diameter	Maximum Diameter	Internal Diameter (ID)	Spring Width (W)	Spring Thickness	Spring Length	Pack Size (pcs)
ECFS08	9	15	8	10	0.10	170	1
ECFS12	14	22	12	16	0.15	210	1
ECFS15	18	29	15	19	0.20	300	1
ECFS17	20	32	17	19	0.20	320	1
ECFS19	23	37	19	19	0.25	345	1
ECFS21	25	42	21	19	0.25	400	1
ECFS25	31	50	25	19	0.35	500	1
ECFS32	40	70	32	19	0.38	660	1
ECFS42	58	90	42	19	0.50	890	1

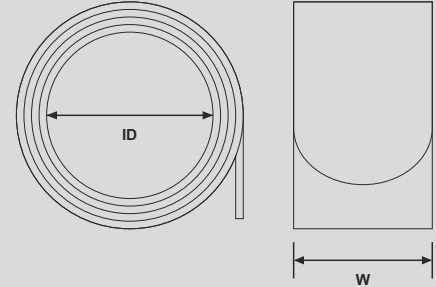
All dimensions are in mm

Technical Data



Material

Stainless Steel



Material

High Tensile Stainless Steel

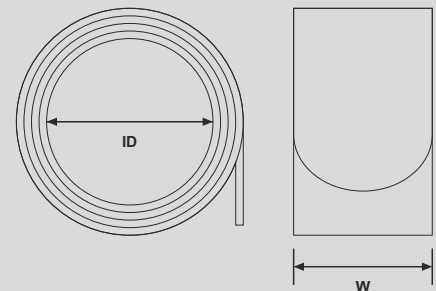
Specifications

DIN 1.4310

ASTM/UNS 301

BS301S21

EN10151:2002 X10CrNi18-8



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